

In the Claims

1-312 (cancelled).

WHAT IS CLAIMED IS:

1 313. (New) A gastric stimulation device comprising:
2 an electronics unit configured for advancement through an esophagus to
3 within a hollow gastric organ having an organ wall;
4 at least one electrode coupled with the electronics unit, wherein the at least
5 one electrode is positionable in electrical contact with the organ wall at a predetermined
6 location so that electrically stimulating signals are deliverable from the electronics unit to the
7 organ wall.

1 314. (New) A device as in claim 313, wherein the at least one electrode
2 comprises a plurality of electrodes, each positionable at a separation location along the organ
3 wall.

1 315. (New) A device as in claim 314, wherein each location is at least
2 approximately 5-10mm apart.

1 316. (New) A device as in claim 314, wherein each of the plurality of
2 electrodes is coupled to the electronics unit by a lead.

1 317. (New) A device as in claim 313, wherein the at least one electrode
2 includes an anchor which is advanceable through the organ wall.

1 318. (New) A device as in claim 317, wherein the anchor is configured to
2 position the at least one electrode within the organ wall when the anchor is advanced through
3 the organ wall.

1 319. (New) A device as in claim 317, wherein the anchor is configured to
2 mechanically support the electronics unit.

1 320. (New) A device as in claim 319, wherein the anchor is advanceable
2 through the organ wall at a single location so as to mechanically support the electronics unit
3 at the same location as delivery of electrically stimulating signals.

1 321. (New) A device as in claim 319, wherein the at least one electrode
2 includes a first electrode disposed on the anchor configured to mechanically support the
3 electronics unit at a first location along the organ wall and a second electrode positionable at
4 a second location along the organ wall.

1 322. (New) A device as in claim 321, wherein the hollow gastric organ
2 comprises a stomach having a fundus, and wherein the first location is disposed in or near the
3 fundus and the second location is disposed away from the fundus.

1 323. (New) A device as in claim 313, wherein each of the at least one
2 electrodes includes an electrode anchoring device, and wherein each of the electrode
3 anchoring devices is advanceable through the organ wall at a separate location.

1 324. (New) A device as in claim 323, wherein at least one of the electrode
2 anchoring devices includes an expandable element positionable against an outer surface of
3 the organ wall.

1 325. (New) A device as in claim 324, further comprising at least one
2 bumper positionable against an inner surface of the organ wall to assist in holding at least one
3 of the electrodes in place.

1 326. (New) A gastrointestinal stimulation device comprising:
2 at least one electrode configured to be positioned in electrical contact with
3 tissue of a gastrointestinal tract;
4 electronic circuitry electrically configured to be coupled to the at least one
5 electrode and configured to deliver electrically stimulating signals to the tissue through the at
6 least one electrode; and
7 an attachment device coupled to the electronic circuitry and operative to attach
8 the electronic circuitry to tissue of the gastrointestinal tract from within the gastrointestinal
9 tract.

1 327. (New) The device of claim 326, wherein the attachment device
2 comprises an expanding portion configured to engage a wall of the gastrointestinal tract.

1 328. (New) The device of claim 326, wherein the attachment device
2 comprises

3 a first portion configured to extend into a wall of the gastrointestinal tract
4 when deployed, and
5 a second portion distal of the first portion configured to engage the wall of the
6 gastrointestinal tract when deployed.

1 329. (New) The device of claim 328, wherein the second portion comprises
2 an expandable element configured to expand to engage the wall of the gastrointestinal tract.

1 330. (New) The device of claim 326, wherein the electrically stimulating
2 signals includes at least one signal to affect a nerve associated with the gastrointestinal tract
3 or a muscle contraction of the gastrointestinal tract or a combination of these.

1 331. (New) The device of claim 326 wherein the attachment device
2 comprises

3 a first portion configured to extend through a wall of the gastrointestinal tract
4 when deployed,
5 a second portion distal of the first portion, wherein the second portion is
6 configured to engage an outside surface of the wall when deployed, and
7 a retaining portion configured to engage an inside surface of the wall.

1 332. (New) A method of stimulating an organ of a digestive tract of a
2 patient comprising the steps of:

3 providing a stimulator including an attachment device and electronic circuitry
4 arranged to deliver electrically stimulating signals to the organ;
5 advancing the stimulator through an esophagus of the patient and towards an
6 attachment site on the organ of the digestive tract; and
7 attaching the stimulator to the attachment site with the use of the attachment
8 device.

1 333. (New) A method of stimulating an organ of a digestive tract of a
2 patient comprising the steps of:

3 providing a stimulator including electronic circuitry arranged to deliver
4 electrically stimulating signals to the organ;
5 advancing the stimulator through an esophagus of the patient and towards an
6 attachment site on the organ of the digestive tract; and
7 implanting the stimulator at the implantation site.

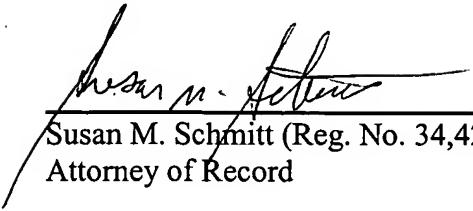
1 334. (New) The method of claim 333, further comprising providing an
2 anchor configured to anchor the electronic circuitry to the organ, and wherein implanting
3 further comprises attaching the anchor to the organ.

1 335. (New) The method of claim 334, wherein implanting further comprises
2 attaching the electronic circuitry to the anchor.

1 336. (New) The method of claim 334, wherein implanting further comprises
2 attaching the stimulator to the anchor.

Respectfully submitted,

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